

From qrp-1@lehigh.edu Sun Nov 12 14:42:00 1995  
From: Wynn C C <wyn@stc06.ctd.ornl.gov>  
Subject: [5407] CMOS III Comments  
Message-ID: <Pine.OSF.3.91.951111102909.14335B-100000@stc06.ctd.ornl.gov>

<Ref Marshall's comments>

I think Marshall's comments are appropriate to QRP since it has to do with noise floor influence on copying weak signals. After reading about the hash, I took my CMOS II unit (which accidentally happens to be in a metal box) out of line and to the furthest most corner of the house to see if it had an effect. Not scientific, but I did not detect any. I recall that the ARRL Handbook encouraged the use of a plastic box for the CMOS II construction project. Anyway, now I have several questions.

1. Does the CMOS II unit generate hash also?
2. If so, is the hash power equivalent to the CMOS III unit?
3. Does the construction notes for the III recommend an on off switch?
4. What is the power consumption of the III relative to the II?
5. Does the III hash have identifiable frequency components in the HF range?
6. If a metal box is effective to attenuate the hash, what happens to radiation along the keying leads? Do they need to be RF bypassed to ground?

72/73,  
Clay N4AOX  
wyn@ornl.gov

From qrp-1@lehigh.edu Sun Nov 12 14:42:00 1995  
From: Marshall Emm <75230.1405@compuserve.com>  
Subject: [5409] CMOS III Info  
Message-ID: <951111173325\_75230.1405\_HHB30-1@CompuServe.COM>

Anybody have an e-mail address or phone number for Jeff Russell (KC0Q) or Bud Southard (N0II)? These are the guys that wrote the CMOS III article in August QST. I'd like to get in touch with them and thought I'd try this before resorting to snail-mail.

73  
Marshall, AA0XI

From qrp-1@lehigh.edu Sun Nov 12 14:42:00 1995

From: ruswhite@netwest.com (Russell W. White)  
Subject: [5419] email ss logs  
Message-ID: <199511120200.TAA22172@saguaro.netwest.com>

Hello all

I used the program CQP for logging SS. In the Oct issue of QST they mention that logs could be emailed to the ARRL using their standard format. What is their standard format?

Cqp puts out a log sheet and a entry form. How do I put these together so that I can submit them?

QR0 people have antenna farms, QRP people have antenna gardens :-)

Concerning QSO's On Fox hunt night, what about using another freq if 1) you listen and here nothing and would like a QRP QSO or 2) you caught the fox and would like a QRP QSO. I was thinking of a freq like 7.055 in that it is far enough away from the fox to not cause QRM. I agree with CQ INET (QRPL takes much longer to send).

About the QRP+, I would rather have the 1.6Mhz hi-pass filter then be able to access the AM stations (I did think of a cheap radio). Thanks for the info.

I'm going to run SS phone with my Argonaut this coming weekend, I should be able to make a hundred contacts with my mouth.

72 de Russ AB7JX

( I'd have some stuff here but my unregistered copy of Eudora )  
( (which came with my INET account) doesn't seem to have a )  
( signature function.....But, if it did have that capability)  
( I would tell you that I belong to QRP ARCI, NorCal QRP and )  
( NE QRP. )

From qrp-1@lehigh.edu Sun Nov 12 14:42:00 1995  
From: pcalcand@sescva.esc.edu (PETER CALCANDY)  
Subject: [5417] FOX  
Message-ID: <95111120160002@sescva.esc.edu>

I think it is time to change the name from FOX hunt to the SKUNK ROUNDUP. I have been skunked 4 weeks in a row. I'll be changing the coax on my antenna tomorrow and that may help. Perhaps the old coax just ran out of qso's. (It DOES happen). The wxman predicts high winds and colder weather here on Long Island . Hope I don't get blown down! N2MPY, my fellow QRP heavy hitter (there are only four of us) called earlier and issued a

'DIPOLE ALERT'. Gotta go out and slacken those lines! I'll be looking for the skunk er fox next week.  
regards,  
peter n2kpy

From qrp-1@lehigh.edu Sun Nov 12 14:42:00 1995  
From: lewise@bga.com  
Subject: [5416] LM 301 ????  
Message-ID: <9511120854.AA0160@localhost>

Recently there was a discussion of a circuit from the new ARRL handbook that used the LM301 as an element. I believe it was Chuck that mentioned that this was difficult to obtain.

Someone else mentioned that the LM301 was an obsolete device.

At the time I wondered why the new handbook would be using a device that old... but hey! Look at all the old devices still being used... :-)

Anyway today I was boning up on fets and stuff in the 1994 ARRL handbook and was skimming across the section on subsystem LICs, and my eyes came to rest on this circuit describing a wide-band small signal amp...

As I am staring at the page, I notice the device is an LM3011....  
HMMMMM You don't suppose that the LM301 mentioned on the list was really supposed to be an LM3011 do you?????

So whoever was thinking about building up that circuit, why don't you recheck the book and see if it is a typo or tired eyes (or tired memory??) that brought up an LM301 that might have been an error, and really should be an LM3011.... Or if I've just been listening to too much noise on 7040.....

Just a thought on something thats been bugging me at a very low level for a few days.....

- - - -

|                              |                |
|------------------------------|----------------|
| Larry E. Wise KA5T           | lewise@bga.com |
| 206 Sinuso Drive             | 512-863-5870   |
| Georgetown, Texas 78628-1520 |                |

From qrp-1@lehigh.edu Sun Nov 12 14:42:00 1995  
From: Dale Hall <102603.30@compuserve.com>  
Subject: [5408] OHR Classic  
Message-ID: <951111153320\_102603.30\_HHU26-1@CompuServe.COM>

Has anyone performed any mods to the OHR Classic. I know it is a great rig and all, but most rigs can be customized to one's personal requirements or desires. For instance, I want to broaden the bandpass so I can scan the band a little faster on those less crowded days.

Anyway, I would like to know any and all mods that anyone has made to the rig.

de Dale KB0WZ

From qrp-1@lehigh.edu Sun Nov 12 14:42:00 1995  
From: Marshall Emm <75230.1405@compuserve.com>  
Subject: [5411] QRP QSO Format, II  
Message-ID: <951111185314\_75230.1405\_HHB32-2@CompuServe.COM>

Like I said, a can of worms [g].

Response has been interesting, to say the least, but I do feel that there was a bit of trouble in understanding what I was getting at. No, I'll be fair and admit I could have put it a bit more clearly. Thanks to those who responded directly, with or without cc to the List, and I hope you'll forgive this method of reply.

First precinct heard from, and this is a quote of the entire message:

NO

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
...ku7y@sage.dri.edu.....Sun Valley, Nevada....  
.....ARRL.....NorCal #330.....NRA LIFE.....

Apart from an instinctive curiosity about people whose signatures are longer than their messages, thanks for the thoughtful feedback, Ron [g].

From: Pat Taber <ptaber@logicraft.com>

So you're arguing we should have our own stilted, empty QSO format rather than think, just like the Big Boys do? It's a thought.

That's not what I was arguing, even though it IS a thought [g]. My concern is more about less-experienced operators trying to use the stilted, empty, QSO format when it's not appropriate. It's a nuisance if readability is Q5 both

ways, but it threatens the QSO if conditions are marginal. I've had stations QSB to nothing over the course of "TNX CALL MARSHALL NICE MEET U BT UR RST..." and I'd guess I'm not the only one, as borne out by traffic about contest QSOs particularly between QRP and QRO stations.

A well considered reply from Smitty, NA5K, covered the ground pretty well, generally supporting my point of view but concluding--

And now my point. We do it using the best method for the current conditions. That's why nobody wants a standard.

The FCC tells us how often we must identify. Beyond that, it is left up to the individual.

If the conditions dictate that I use an abbreviated exchange as you suggested, then it is only prudent that I do it.

So many times our QSO format is determined by the band conditions. With experience, hopefully, we learn how to adapt our QSOs to those conditions.

Boy do I wish I hadn't used the word STANDARD! Screwed up by semantics, once again. When I suggest adopting a standard format, I don't mean having some sort of vote and telling everybody: this is the standard format. That does happen too often and is neither necessary nor desirable. The problem is that newbies (mostly but not exclusively) seem to think there IS only one way to conduct a QSO, and until and unless they are taught or shown by example that there is a better way to do it they will use the stilted, empty "traditional" QSO format. Uh-oh. Probably shouldn't have used the word "traditional" there [g].

Many of us do adapt to conditions and use an abbreviated QSO format; more of us should, and we should be prepared to explain why, when the opportunity arises.

73

Marshall

AA0XI/VK5FN

From qrp-1@lehigh.edu Sun Nov 12 14:42:00 1995

From: km@PACT.ORG.PE (Kris Merschrod)

Subject: [5414] QRP QSO STD FRMT

Message-ID: <m0tELqi-000AyxC@rcp.net.pe>

Marshall,

This suggestion will probably bring more toxic waste than the Q-

DOPE and UTC themes combined!!! :>{)

One standard could be to leave off the QRP -- it just takes more time in an exchange. Of course when preheating the ionosphere no harm in calling CQ QRP or dragging out the call sign with \QRP. Ditto when you think that the dangling \QRP will make folks try harder.

On the toxic waste side; most of us are non-standard so it will be hard to clean up.

72,

Kris  
OA4DBO

From qrp-1@lehigh.edu Sun Nov 12 14:42:00 1995  
From: pcalcand@sescva.esc.edu (PETER CALCANDY)  
Subject: [5418] SECRET TO HIGH CODE SPEED.  
Message-ID: <95111120242012@sescva.esc.edu>

DRUGS.

n2kpy peter

From qrp-1@lehigh.edu Sun Nov 12 14:42:00 1995  
From: af514@detroit.freenet.org (Hank Kohl)  
Subject: [5421] SS Log files....  
Message-ID: <199511120548.AAA08683@detroit.freenet.org>

AB7JX says:

I used the program CQP for logging SS. In the Oct issue of QST they mention that logs could be emailed to the ARRL using their standard format. What is their standard format?

Cqp puts out a log sheet and a entry form. How do I put these

together so that I can submit them?

K8CC's NA and K1EA's CT both save a file when you exit which ARRL and CQ require. Basically it is an ASCII log file. No page headers, no page breaks, no point totals at the bottom. Mine for SS CW is about 440 lines of log. ARRL would like the disk and a paper summary sheet, and I think CQ wants the disk and a complete paper entry. Don't know if you get the "approved" log file with the shareware contest logging programs. Also, with ARRL you can e-mail them your logs, or upload them to their BBS.

73 Hank K8DD

I soon to have a new e-mail address.

V

--

```
/*  
/*      email      af514@detroit.freenet.org  
/*      call       k8dd      hank      port huron, mi  
/*
```

From qrp-1@lehigh.edu Sun Nov 12 14:42:00 1995  
From: Raymond Sommers <rsommers@worf.uwsp.edu>  
Subject: [5413] The Fox's Den  
Message-ID: <Pine.BSI.3.91.951111131331.9908B-100000@worf.uwsp.edu>

In reviewing the qrp-1 info I decided to try the QTH finder and sent:  
run qrp-1 X calls2dist wb9lkc aa0xz to listserv@lehigh.edu  
with the following results:

Output from stdout:

WB9LKC ZIP = 54423

AA0XZ QTH = NUNN, GREGORY E

1701 HALSTED CT

COLUMBIA

MO 65203

(PREVIOUSLY KG0WI, ADVANCED)

WB9LKC Lat/Long = 44 30 38 N 89 25 34 W

AA0XZ Lat/Long = 38 57 06 N 92 20 02 W

Output from "gc 44.3063N89.2556W 38.5710N92.2003W":

Bearing is 202 Degrees for 358 Nautical Miles = 412 Miles = 663 Km

\*\*\*\*\*  
WOW is this a neat way to find QTH's and distances. Now I know where next  
Thursday's Fox has his den.

Ray,

```
|=====|
|      | |      Ray Sommers, Chem Dept.      +-----+-----+
|      | |      U of Wis @ Stevens Point      |       |       |
|      /   \    Stevens Point WI 54481      / ^ \   |   / ^ \
|    /  UWSP  \    rsommers@worf.uwsp.edu    ( _ _ )  |   ( _ _ )
|   ( _ _ _ _ )                               / ^ \
|=====|
```

From qrp-1@lehigh.edu Sun Nov 12 14:42:00 1995  
From: Bruce Robertson <brucerob@epas.utoronto.ca>  
Subject: [5415] Re: 15m QRP radio in November CQ Magazine ( or: Attention RS-12  
users! )  
Message-ID: <Pine.SGI.3.91.951111160545.26749A-100000@blues.epas.utoronto.ca>

While this looks like an interesting project, I would encourage anyone  
who wants to build a 15m tranceiver to look into the Green Mountain  
version from Small Wonder Labs. Dave makes neat radios, and I doubt  
you'll build the CQ version for the price of the GM-xx rigs.

The GM version is \*small\*, too.

A happy customer,

72, VE3UWL

Bruce G. Robertson Dept. of Classics, U. of T.

From qrp-1@lehigh.edu Sun Nov 12 14:42:00 1995  
From: Craig LaBarge <74740.3166@compuserve.com>  
Subject: [5410] Re: CQ INET...  
Message-ID: <951111181628\_74740.3166\_EHB104-1@CompuServe.COM>

Gene, AA3AV wrote:

>Would it be kosher for the hunters to call - cq fox cq fox de.... - and  
>possibly get answered by the fox or by other hunters. If all is quiet,  
>if you arn't hearing anybody, at least not anybody body in the hunt,



>then call the fox and hope the fox or a hunter answers.

Someone can correct me if I'm wrong, but I seem to recall that contacts made by foxes \*answering\* CQs are not valid. I do know, however, that during my stints as the fox, I was far too busy cranking out my own CQs to listen for others calling CQ FOX.

By the way, I think you're technically correct about "CQ FOX" essentially meaning "Calling all Foxes." But, in this context, it seems to make sense for the Fox to call "CQ FOX CQ FOX" because it's a good attention getter for the many hunters out there searching through the noise. I would prefer to hear non-foxes using "CQ INET" to find each other. A band full of people calling "CQ FOX" would sure complicate things! :-)

73, Craig WB3GCK

From qrp-l@lehigh.edu Sun Nov 12 14:42:00 1995  
From: carreiro@netcom.com (Paul Carreiro)  
Subject: [5412] Re: crystal etching or grinding?  
Message-ID: <199511111903.LAA04205@netcom12.netcom.com>

> This topic was thoroughly covered several months ago. It should  
> have been place in the FAQ, except I don't think we have an FAQ.  
> Jeff NH6IL

Hello fellow boatanchorites..

I was the one that brought up the FT243 grinding question months back. I saved all of the great comments that were posted. I have combined all of the great posts into a single text file. If anyone would like this file sent to them via E-mail.. please let me know. Be warned though, it is greater than 20K in size. :)

73  
Paul

--

Paul F. Carreiro - N6HCS - E-Mail: carreiro@netcom.com  
QRP / Boatanchors / Mobile CW / QRQ +40WPM  
NorCal QRP #367 / QRP QRCI #8885 / CW FISTS #1407  
Zuni Loop Mountain Expeditionary Force (Rookie)

From qrp-1@lehigh.edu Sun Nov 12 14:42:00 1995  
From: Francis Flynn <fflynn@together.net>  
Subject: [5420] Re: SECRET TO HIGH CODE SPEED.  
Message-ID: <Pine.SOL.3.91.951111213205.26732A-100000@sequoia>

On Sat, 11 Nov 1995, PETER CALCANDY wrote:

>  
>  
>  
> DRUGS.

>  
>  
> n2kpy peter  
>

Exactly which drug? Caffiene always did it for me.

\*\* Keyboard not found error \*\*  
Press any key to continue

Francis Flynn, fflynn@together.net  
ARS:KM1Z